

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant[s]: KENNEDY, Sheila; et al.
 For: SPACE DIVISION SYSTEM WITH TECHNOLOGY
 Serial No.: 10/526,505
 Filed: March 4, 2005

Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

"Express Mail" Mailing Label No.:
 EV 815986330 US


Date of Deposit: June 7, 2006

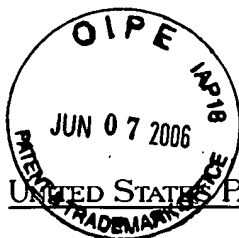
Sir:

I hereby certify that the documents listed below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

| | | |
|---|--|---|
| <input checked="" type="checkbox"/> Transmittal Form | <input checked="" type="checkbox"/> Declaration for Patent Application | <input type="checkbox"/> Status Letter |
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Checks attached for \$ | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Notice of Allowance and Issue Fee Due |
| <input type="checkbox"/> Provisional Application for Patent Cover Transmittal <input type="checkbox"/> Specification ___ Pages <input type="checkbox"/> Claims ___ Pages | <input type="checkbox"/> Information Disclosure Cover Letter <input type="checkbox"/> IDS PTO 1449 <input type="checkbox"/> ___ References | <input type="checkbox"/> Certificate of Correction |
| <input type="checkbox"/> Design/Utility Application Transmittal <input type="checkbox"/> Specification ___ Pages <input type="checkbox"/> Claims ___ Pages | <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> ___ References | <input type="checkbox"/> Maintenance Fee Transmittal Form <input type="checkbox"/> Maintenance Fee Payment |
| <input type="checkbox"/> PCT <input type="checkbox"/> Transmittal Letter to the United States Receiving Office <input type="checkbox"/> PCT Fee Calculation Sheet <input type="checkbox"/> PCT Request (___ Pages) <input type="checkbox"/> PCT General Power of Attorney Cover Letter <input type="checkbox"/> PCT General Power of Attorney | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Letter to Official Draftsman | <input checked="" type="checkbox"/> Itemized Postcard |
| <input type="checkbox"/> Request Transmittal (RCE or CPA) | <input checked="" type="checkbox"/> Response to Missing Parts /Incomplete Application | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input checked="" type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | - Petition - Affidavit of Jodi Russo |
| <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> Request for Refund | - Affidavit of Thomas Lockhart - Charge Deposit Account \$2,420.00 - Copy of Notification of Missing Requirements Under 35 U.S.C. 371 |

Dated: 6-7-06


 Courtney N. Lapakes
 VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP
 Bridgewater Place
 Post Office Box 352
 Grand Rapids, Michigan 49501-0352
 (616) 336-6000



06-08-06

pet

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
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 Alexandria, Virginia 22313-1450
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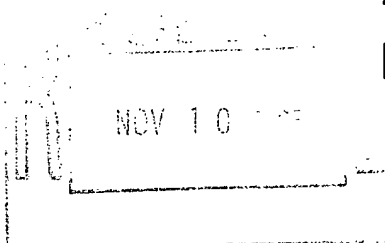
| | | |
|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/526,505 | Sheila Kennedy | HMI P1191US2 |

| |
|-------------------------------|
| INTERNATIONAL APPLICATION NO. |
|-------------------------------|

PCT/US03/27747

| | |
|------------------|---------------|
| I.A. FILING DATE | PRIORITY DATE |
| 09/04/2003 | 09/04/2002 |

Varnum Riddering Schmidt & Howlett
 Bridgewater Place
 Post Office Box 352
 Grand Rapids, MI 49501-0352



CONFIRMATION NO. 8930

371 FORMALITIES LETTER



OC000000017394441

Date Mailed: 11/07/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/04/2005
- Copy of the International Search Report filed on 03/04/2005
- U.S. Basic National Fees filed on 03/04/2005
- Priority Documents filed on 03/04/2005
- Specification filed on 03/04/2005
- Claims filed on 03/04/2005
- Abstracts filed on 03/04/2005
- Drawings filed on 03/04/2005

06/13/2006 GFREY1 00000104 220257 10526505

01 FC:1617 130.00 DA

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

TAMALA D HOLLAND

Telephone: (703) 308-9140 EXT 209

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/526,505 | PCT/US03/27747 | HMI P1191US2 |

FORM PCT/DO/EO/905 (371 Formalities Notice)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)


Total Number of Pages in This Submission

| | |
|------------------------|-----------------|
| Application Number | 10/526,505 |
| Filing Date | March 4, 2005 |
| First Named Inventor | KENNEDY, Sheila |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | HMI P1191US2 |

ENCLOSURES (Check all that apply)

| | | |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Declarations; Affidavit of Jodi Russo; Affidavit of Thomas Lockhart; Charge Deposit Account \$2,420.00 |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---|----------|--------|
| Firm Name | Varnum, Riddering, Schmidt & Howlett LLP | | |
| Signature |  | | |
| Printed name | Thomas L. Lockhart | | |
| Date | 6/7/2006 | Reg. No. | 29,324 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

| | | | |
|-----------------------|--|------|--|
| Signature | | | |
| Typed or printed name | | Date | |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KENNEDY, Sheila; et al.
For: SPACE DIVISION SYSTEM WITH TECHNOLOGY
Serial No.: 10/526,505
Filed: 03/04/2005

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted for filing in the above-referenced patent application are the following:

- [X] Petition Under 35 U.S.C. §116 and 37 C.F.R. §1.47(a) to Accept Declarations Executed by Six Signing Inventors on Behalf of Themselves and Two Non-Signing Inventors, where the Non-Signing Inventors have not been able to be Reached after Diligent Effort
- [X] Affidavit of Jodi Russo in Support of Petition Under 35 U.S.C. 116
- [X] Affidavit of Thomas L. Lockhart in Support of Petition Under 35 U.S.C. 116
- [X] Declarations (3) for Utility or Design Patent Application.
- [X] Copy of the Notice to File Missing Parts of Nonprovisional Application Filing Date Granted.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 22-0257:

- 1) Any patent application processing fees under 37 C.F.R. ' 1.17;
- 2) Any filing fees under 37 C.F.R. ' 1.16 for presentation of extra claims; and
- 3) Any additional filing fees required under 37 C.F.R. ' 1.16.

A duplicate copy of this correspondence is enclosed.

Respectfully submitted,

SHEILA KENNEDY; BILL CHEN-HSUN YEN; JOSEPH CHI-CHEN HO;
SENAN CHOE; ROBERT W. INSALACO; W. DANIEL HILLIS; RUSSEL
HOWE; AND KEN MUNSCH

Dated: 6/7/2006

By: 

Thomas L. Lockhart, Reg. No. 29,324

VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP
Bridgewater Place
Post Office Box 352
Grand Rapids, Michigan 49501-0352
(616) 336-6000

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2006☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 2,420.00**Complete if Known**

| | |
|----------------------|-----------------|
| Application Number | 10/526,505 |
| Filing Date | 03/04/2005 |
| First Named Inventor | KENNEDY, Sheila |
| Examiner Name | n/a |
| Art Unit | n/a |
| Attorney Docket No. | HMI P1191US2 |

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 22-0257 Deposit Account Name: Varnum, Riddering

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| | | | |
|------------------------------------|---------------------|-----------------|----------------------|
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
| - 20 or HP = _____ x _____ = _____ | | | |

HP = highest number of total claims paid for, if greater than 20.

| | | | |
|-----------------------------------|---------------------|-----------------|----------------------|
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
| - 3 or HP = _____ x _____ = _____ | | | |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE


If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| | | | | |
|---|---------------------|---|-----------------|----------------------|
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
| - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____ | | | | |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 5 Month Ext of Time; Late Surcharge for Declarations; Petition Fee _____ **Fees Paid (\$)** 2,420.00**SUBMITTED BY**

| | | | |
|-------------------|---|--|------------------------|
| Signature |  | Registration No. (Attorney/Agent) 29,324 | Telephone 616/336-6000 |
| Name (Print/Type) | Thomas L. Lockhart | Date | 6/7/2006 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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